Shri Shivaji Education Society Amravati's

Science College, Congress Nagar ,Nagpur

U.G Department of Biotechnology

B. Sc Semester V (2022-23)

Biotechnology Paper I

Name of the Teacher- Ms. Sanchari Sarkar

	Name of students	Topics
1.	ADITIPRAVINDESHMUKH	Reverse transcription
2.	AHANAISHAANSARI	auxiliary proteins of transcription
3.	AKANKSHAASHISHBARDE	lac- and trp-operon
4.	AKANKSHAMUKESHBORKAR	structure of prokaryotic RNA polymerase
5.	ANJALRAJENDRASHAHU	Physical and chemical mutagens
6.	ANJALIRAJESHMADAVI	Mismatch repair, NER, BER, light induced repair, SOS repair
7.	ANJALISHAILENDRAPATIL	Missense, nonsense and frameshift mutations
8.	ANKITAMADHUKARPARIHAR	auxiliary proteins of transcription
9.	ANSHITARITESHARORA	proof for semiconservative replication
10.	APOORVAPRAVINRAOMANE	structure of prokaryotic RNA polymerase
11.	ARYAPRAVIN BURADKAR	lac- and trp-operon
12.	AVANTIKASATISHJAIN	concept of promoter
13.	BHOOMIKASHIRISHMIRASHI	Missense, nonsense and frameshift mutations
14.	DIVYABHUPENDRASORTE	lac- and trp-operon
15.	EKTAKRISHNAKANTGAIKWAD	Use of DNA replication mutants in the study of replication
16.	GAURAVICHANDRASHEKHARKHAWASE	lac- and trp-operon
17.	HARSHITAANILROHRA	Brief idea of reverse transcription
18.	ISHIKAHARISHGOUR	Use of DNA replication mutants in the study of replication
19.	ISHITASHARADLAKKEWAR	structure of prokaryotic RNA polymerase
20.	JANAVIUMESHWANKHEDE	lac- and trp-operon
21.	JANVISUNILJAGTAP	structure of prokaryotic RNA polymerase
22.	KAUSHALYASALIKRAMDHABALE	auxiliary proteins of transcription
23.	KUMARIRUCHI	Brief idea of reverse transcription
24.	MITALI RAJESHJAISWAL	auxiliary proteins of transcription
25.	MOHINIRUPESHMASKE	lac- and trp-operon
26.	MOHINIVINODBAJANGHATE	structure of prokaryotic RNA polymerase
27.	NAMRATAMANOJ BHALAVI	Physical and chemical mutagens

28.	NANDINIBABARAOMARODKAR	Mismatch repair, NER, BER, light induced repair, SOS repair
29.	NATASHANAVINNASHINE	Mismatch repair, NER, BER, light induced repair, SOS repair
30.	NAYANSHRI NARESHPARDHI	Basic features of transcription
31.	NIKITA RAJESHTHAKRE	proof for semiconservative replication
32.	NISHITA ARUNNINAVE	Brief idea of reverse transcription
33.	POONAMSINGH	Mismatch repair, NER, BER, light induced repair, SOS repair
34.	PRACHIRAVINDRAPADWE	auxiliary proteins of transcription
35.	PRAGATI ANIL TABHANE	Mismatch repair, NER, BER, light induced repair, SOS repair
36.	PRANOTIHEMANTJADHAV	structure of prokaryotic RNA polymerase
37.	RADHIKAPRAVINKOKATE	auxiliary proteins of transcription
38.	RAKHIRUPESHWARATKAR	Reverse transcription
39.	RUHIDEEPAKSHINDE	Brief idea of reverse transcription
40.	SAKSHIGHANSHYAMGANDHI	auxiliary proteins of transcription
41.	SAKSHIPRAMODNAVALEKAR	lac- and trp-operon
42.	SAKSHISANJAY CHIKHALE	structure of prokaryotic RNA polymerase
43.	SALONISATISH DHOLE	Physical and chemical mutagens
44.	SAMIKSHAKUSHABRAOBHOYAR	Mismatch repair, NER, BER, light induced repair, SOS repair
45.	SANJANASANJAY RAMTEKE	auxiliary proteins of transcription
46.	SAYOLIVIKAS DHARAMSHASHARE	Brief idea of reverse transcription
47.	SEJALSANJAYMEKRATWAR	structure of prokaryotic RNA polymerase
48.	SHEEFAMUNAFBANDUKIYA	auxiliary proteins of transcription
49.	SHITALSANTOSHBRAMHANKAR	structure of prokaryotic RNA polymerase
50.	SHRESHTHAABHIJITCHANDA	Basic features of transcription
51.	SHRREEYAVIPINSINGHGUJAR	proof for semiconservative replication
52.	SHRUTIDEODASMESHRAM	Use of DNA replication mutants in the study of replication
53.	SIDDHISURESHKAHATE	Mismatch repair, NER, BER, light induced repair, SOS repair
54.	SUPRIYASUJEETKHOJARE	Basic features of transcription
55.	TANAYADEVANANDDEULKAR	proof for semiconservative replication
56.	UNNATI RAJU KADU	Brief idea of reverse transcription
57.	VAIBHAVIPRASHANTMUDNAIK	Mismatch repair, NER, BER, light induced repair, SOS repair
58.	VAISHNAVIMADHUKARFARKADE	auxiliary proteins of transcription
59.	VAISHNAVIMORESHWARBHOJEKAR	Mismatch repair, NER, BER, light induced repair, SOS repair
60.	VAISHNAVI PANKAJ SHIMPI	Missense, nonsense and frameshift mutations
61.	VAISHNAVIVILASTHAKRE	auxiliary proteins of transcription
62.	VANSHIKAANILNIPANE	proof for semiconservative replication

63.	VEDANTIHEMANTTEKADE	structure of prokaryotic RNA polymerase
64.	VRUSHALIJAYANTKUMARYAWALKAR	lac- and trp-operon
65.	ADITHYAANILKALLATTU	concept of promoter
66.	BHAVESHPURUSHOTTAM DHOTE	Brief idea of reverse transcription
67.	GAURAVDILIPSELOKAR	auxiliary proteins of transcription
68.	KAUSTUBHSURESHWANVE	lac- and trp-operon
69.	KSHITIJKISHORKAMBLE	structure of prokaryotic RNA polymerase
70.	PRITAMUKANDRAOCHAVHAN	Physical and chemical mutagens
71.	RAJRAKESHRAJKAROSIYA	Mismatch repair, NER, BER, light induced repair, SOS repair
72.	RITIKJITUBAISWARE	auxiliary proteins of transcription
73.	RONITTAPAS BANERJEE	Brief idea of reverse transcription
74.	SAHILPRASHANTTITARMARE	Missense, nonsense and frameshift mutations
75.	SHASHANK PARASNATHTIDKE	Brief idea of reverse transcription
76.	SHREENIVASAASHISHSAOJI	auxiliary proteins of transcription
77.	SHUBHAMSURESHKUMBHARE	Brief idea of reverse transcription
78.	TEJASCHANDRASHEKHARSHRIPAL	auxiliary proteins of transcription
79.	VEDANTDILIPKADASNE	lac- and trp-operon
80.	SIDDHIPRADIPCHANNE	structure of prokaryotic RNA polymerase

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U.G Department of Biotechnology

B. Sc Semester V (2022-23)

Biotechnology Paper II

Name of the Teacher- Ms. D. Deepthi Hynal

SRNO	NAME	TOPICS
1.	ADITIPRAVINDESHMUKH	Phagemids and YAC
2.	AHANAISHAANSARI	General features of an expression vector
3.	AKANKSHAASHISHBARDE	Genomic DNA library and cDNA library
4.	AKANKSHAMUKESHBORKAR	Protein Synthesis :Initiation, elongation, and termination
5.	ANJALRAJENDRASHAHU	General features of an expression vecto
6.	ANJALIRAJESHMADAVI	Genomic DNA library and cDNA library
7.	ANJALISHAILENDRAPATIL	Plasmid vectors (pBR322 and pUC 18/19)
8.	ANKITAMADHUKARPARIHAR	Polymerase chain reaction
9.	ANSHITARITESHARORA	Applications of recombinant DNA technology
10.	APOORVAPRAVINRAOMANE	Polymerase chain reaction
11.	ARYAPRAVIN BURADKAR	Plasmid vectors (pBR322 and pUC 18/19)
12.	AVANTIKASATISHJAIN	Autogenous control of r-proteins
13.	BHOOMIKASHIRISHMIRASHI	Shine and Dalgarno sequence and the 16S rRNA
14.	DIVYABHUPENDRASORTE	General features of an expression vector
15.	EKTAKRISHNAKANTGAIKWAD	Shine and Dalgarno sequence and the 16S rRNA
16.	GAURAVICHANDRASHEKHARKHAWASE	Polymerase chain reaction
17.	HARSHITAANILROHRA	phage T4 protein p32 translational regulation

18.	ISHIKAHARISHGOUR	Transfection and transformatio
19.	ISHITASHARADLAKKEWAR	Protein Synthesis :Initiation, elongation, and termination
20.	JANAVIUMESHWANKHEDE	Shine and Dalgarno sequence and the 16S rRNA
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22.	KAUSHALYASALIKRAMDHABALE	Plasmid vectors (pBR322 and pUC 18/19)
23.	KUMARIRUCHI	phage T4 protein p32 translational regulation
24.	MITALI RAJESHJAISWAL	Autogenous control of r-proteins
25.	MOHINIRUPESHMASKE	Transfection and transformatio
26.	MOHINIVINODBAJANGHATE	Applications of recombinant DNA technology
27.	NAMRATA MANOJ BHALAVI	Insertion Vector & Replacement Vector
28.	NANDINIBABARAOMARODKAR	General features of an expression vector
29.	NATASHANAVINNASHINE	Genomic DNA library and cDNA library
30.	NAYANSHRI NARESHPARDHI	Screening methods
31.	NIKITA RAJESHTHAKRE	General features of an expression vector
32.	NISHITA ARUNNINAVE	Autogenous control of r-proteins
33.	POONAMSINGH	Genomic DNA library and cDNA library
34.	PRACHIRAVINDRAPADWE	Autogenous control of r-proteins
35.	PRAGATI ANIL TABHANE	Western Blotting
36.	PRANOTIHEMANTJADHAV	Plasmid vectors (pBR322 and pUC 18/19)
37.	RADHIKAPRAVINKOKATE	General features of an expression vector
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71.	RAJ RAKESH RAJKAROSIYA	General features of an expression vecto
72.	RITIK JITU BAISWARE	Genomic DNA library and cDNA library
73.	RONITTAPAS BANERJEE	Selection of Recombinant transformed cell
74.	SAHIL PRASHANT TITARMARE	Polymerase chain reaction
75.	SHASHANK PARASNATHTIDKE	Applications of recombinant DNA technology
76.	SHREENIVASA ASHISH SAOJI	Protein Synthesis :Initiation, elongation, and termination
77.	SHUBHAM SURESH KUMBHARE	Protein Synthesis+
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79.	VEDANTDILIPKADASNE	Shine and Dalgarno sequence and the 16S rRNA
80.	SIDDHI PRADIP CHANNE	Polymerase chain reaction

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